



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Gary R. Braslawsky et al)
) Group Art Unit: 1642
Application Serial No. 09 238,741)
) Examiner: L. Helms
Filed: January 28, 1999)
)
For: PRODUCTION OF TETRAVALENT)
ANTIBODIES)

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REPLY PURSUANT TO 37 C.F.R. §1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Official Action dated August 28, 2002, kindly amend the above-identified application as follows.

IN THE CLAIMS:

Kindly cancel non-elected claims 3, 10-13, 15-23, 30-33, 38-40 and 42-44.

Also, please cancel claims 37 and 49.

Kindly amend claims 1, 24, 28, 41 and 45 as set forth below:

1. (Twice Amended) A method for producing an antibody heterodimer comprised of two different antibody molecules each having binding specificity to two distinct antigens, from each other; wherein the method comprises:

- (i) obtaining or constructing a DNA molecule that encodes an antibody molecule heavy chain that has binding specificity to a first antigen when said heavy chain is paired with a corresponding light chain and introducing at least one cysteine codon